

Title (en)
LIGHTING UNIT FOR MOTOR VEHICLES

Title (de)
BELEUCHTUNGSEINHEIT FÜR KRAFTFAHRZEUGE

Title (fr)
UNITE D' ECLAIRAGE POUR VEHICULES

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Application
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Abstract (en)
[origin: WO2004088202A2] The invention relates to a lighting unit for vehicles, comprising a plurality of semiconductor light sources that are arranged so as to be distributed within a grid. Said grid of semiconductor light sources is divided into at least two grid segments which can be independently triggered and/or are associated with a different light function. The inventive lighting unit further comprises a lens in the path of a light beam emitted by the semiconductor light sources. The semiconductor light sources are disposed on a common carrier substrate located in a common housing. The lighting unit also comprises a housing cover that is transparent to light in the direction in which the light spreads. The interior of the housing is filled with a light-scattering and/or light color-influencing additional material.

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